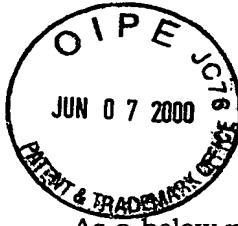


DIKE, BRONSTEIN, ROBERTS & CUSHMAN, LLP
130 Water Street
Boston, Massachusetts 02109

Docket No. 49087-CIP (820)

Page 1 of 4



DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed at 201) below or an original, first and joint inventor (if plural names are listed at 201-208 below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

LATCH CIRCUIT, SHIFT REGISTER CIRCUIT, LOGICAL CIRCUIT AND IMAGE DISPLAY DEVICE
OPERATED WITH A LOW CONSUMPTION OF POWER

which is described and claimed in:

the specification attached hereto.

the specification in U.S. Application Serial Number 09/506,033, filed on February 16, 2000.

the specification in PCT international application Number _____, filed on _____; and was amended on _____.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a). I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign/PCT Applications and Any Priority Claims Under 35 U.S.C. §119:

Application No.	Filing Date	Country	Priority Claimed Under 35 U.S.C. §119?
10-117955	April 28, 1998	Japan	YES
10-364774	December 22, 1998	Japan	YES
11-105236	April 13, 1999	Japan	YES
11-36778	February 16, 1999	Japan	YES
11-129533	May 11, 1999	Japan	YES
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below, and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

Prior U.S. Applications or PCT International Applications Designating the U.S.-Benefit Under 35 U.S.C. §120				
U.S. Applications		Status (Check One)		
Application Serial No.	U.S. Filing Date	Patented	Pending	Abandoned
09/300,178	April 27, 1999		xx	
PCT Applications Designating the U.S.				
Application No.	Filing Date	U.S. Serial No. Assigned		

CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)
(35 U.S.C. §119(e))

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

Applicant	Provisional Application Number	Filing Date

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) with full powers of association, substitution and revocation to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Sewall P. Bronstein (Reg. No. 16,919)	Peter F. Corless (Reg. No. 33,860)	Richard E. Gamache (Reg. No. 39,196)
David G. Conlin (Reg. No. 27,026)	Cara Z. Lowen (Reg. No. 38,227)	David A. Tucker (Reg. No. 27,840)
George W. Neuner (Reg. No. 26,964)	William J. Daley, Jr. (Reg. No. 35,487)	Lisa Hazzard Swiszcz (Reg. No. 44,368)
Linda M. Buckley (Reg. No. 31,003)	Robert L. Buchanan (Reg. No. 40,927)	
Peter J. Manus (Reg. No. 26,766)	Christine C. O'Day (Reg. No. 38,256)	

SEND CORRESPONDENCE TO: David G. Conlin Dike, Bronstein, Roberts & Cushman, LLP 130 Water Street Boston, Massachusetts 02109	DIRECT TELEPHONE CALLS TO: Richard E. Gamache (617) 523-3400
---	---

2 0 1	FULL NAME OF INVENTOR	LAST NAME KUBOTA	FIRST NAME Yasushi	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY Sakurai-shi, Nara-ken	STATE OR FOREIGN COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan
	POST OFFICE ADDRESS	POST OFFICE ADDRESS 5-1093-267, Asakuradainishi, Sakurai-shi, Nara-ken, Japan		

2 0 2	FULL NAME OF INVENTOR	LAST NAME WASHIO	FIRST NAME Hajime	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY Tenri-shi, Nara-ken	STATE OR FOREIGN COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan
	POST OFFICE ADDRESS	POST OFFICE ADDRESS Sharp-Shataku 1-107, 2613-1, Ichinomoto-cho, Tenri-shi, Nara-ken, Japan		

2 0 3	FULL NAME OF INVENTOR	LAST NAME SHIRAKI	FIRST NAME Ichiro	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY Tenri-shi, Nara-ken	STATE OR FOREIGN COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan
	POST OFFICE ADDRESS	POST OFFICE ADDRESS Sharp-Akebonoryo 752, 2613-1, Ichinomoto-cho, Tenri-shi, Nara-ken, Japan		

2 0 4	FULL NAME OF INVENTOR	LAST NAME MAEDA	FIRST NAME Kazuhiro	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY Tenri-shi, Nara-ken	STATE OR FOREIGN COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan
	POST OFFICE ADDRESS	POST OFFICE ADDRESS 2613-1, Ichinomoto-cho, Tenri-shi, Nara-ken, Japan		

2 0 5	FULL NAME OF INVENTOR	LAST NAME KAISE	FIRST NAME Yasuyoshi	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY Tenri-shi, Nara-ken	STATE OR FOREIGN COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan
	POST OFFICE ADDRESS	POST OFFICE ADDRESS 2613-1, Ichinomoto-cho, Tenri-shi, Nara-ken, Japan		

I hereby further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Signature of Inventor 201	Date:
<i>Yasushi Kubota</i>	May 12, 2000
Signature of Inventor 202	Date:
<i>Hajime Washio</i>	May, 12, 2000
Signature of Inventor 203	Date:
<i>Ichiro Shiaki</i>	May 12, 2000
Signature of Inventor 204	Date:
<i>Kazuhiko Maeda</i>	May, 12, 2000
Signature of Inventor 205	Date:
<i>Yasuyoshi Kaise</i>	May, 12, 2000